



232891



STS CONSULTANTS

750 Corporate Woods Parkway
Vernon Hills, Illinois 60061
847-279-2500 Phone
847-279-2510 Fax

November 17, 2004

Chicago Department of Environment
Attention: Ms. Rahmat Begum
30 North LaSalle Street, 25th Floor
Chicago, Illinois 60602

RE: Radiological Survey Results
Location: North Harbor Drive just North of East Lower Randolph Street
STS Project No. 1-32193XC

Dear Ms. Begum:

As you may be aware, remediation was performed for the radiologically-impacted soil identified at the Lakeshore East site property. Pursuant to a request by the USEPA, STS is forwarding this letter and attached drawings which document the location of an area beneath the sidewalk adjacent to North Harbor Drive that was identified to exhibit an indication of a radiologically-impact. A permit was not issued by the City of Chicago (Form No. DOE.ROW.01) for this area, since no work was performed within the right-of-way.

In the course of verifying that sufficient excavation had been completed at the southeast boundary of the subject property, a radiological-impact was detected via field gamma measurements in the wall of the excavation along North Harbor Drive. The field results show a gamma count of 25,000 counts per minute (CPM) unshielded or 7,900 CPM shielded. These readings were only slightly over the thresholds of 21,072 CPM unshielded or 7,447 CPM shielded corresponding to the USEPA cleanup concentration of 7.1 pCi/g. The NUTRANL results for the sample showed a total radium activity of 7.28 pCi/g, which is just slightly above the cleanup threshold of 7.1 pCi/g total radium. As this material is off-site, excavation did not extend beyond the property boundary. However, polyethylene sheeting and plywood were left in-place along the vertical excavation wall to demarcate the separation between the impacted soil and clean backfill of the Lakeshore East site.

Please contact us with any questions you have regarding this matter.

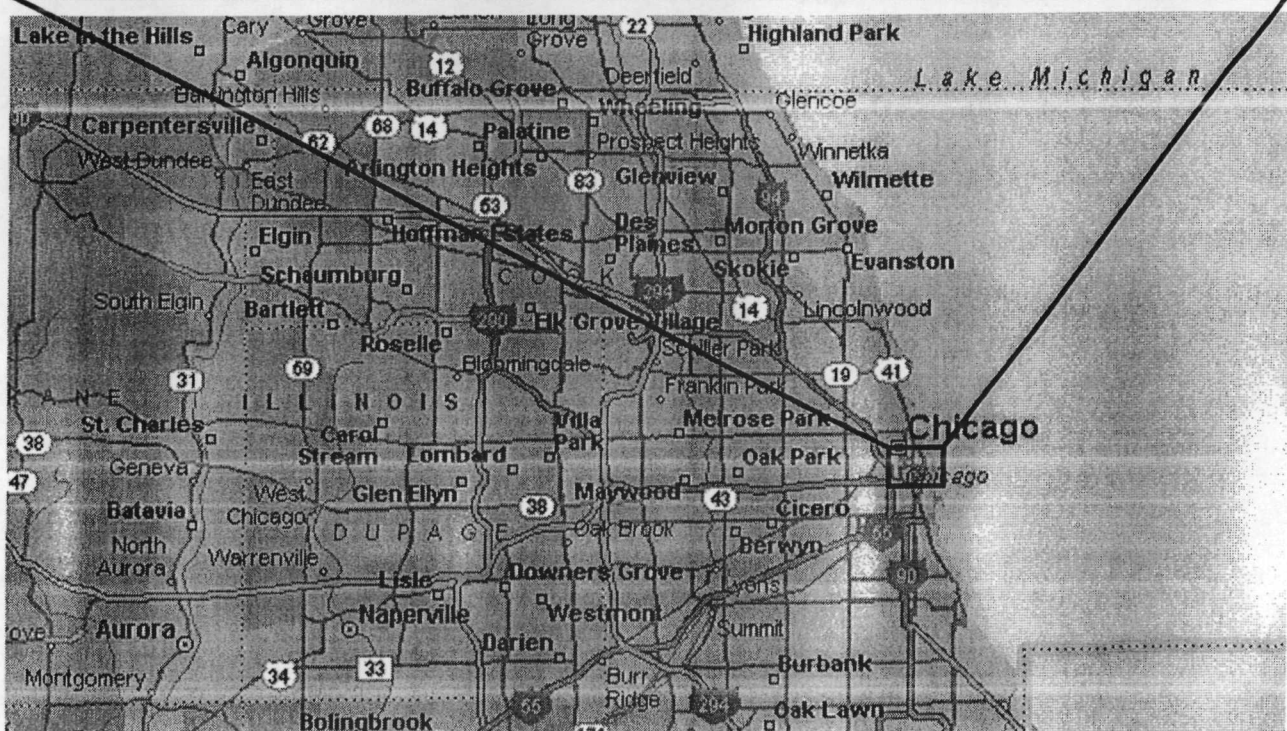
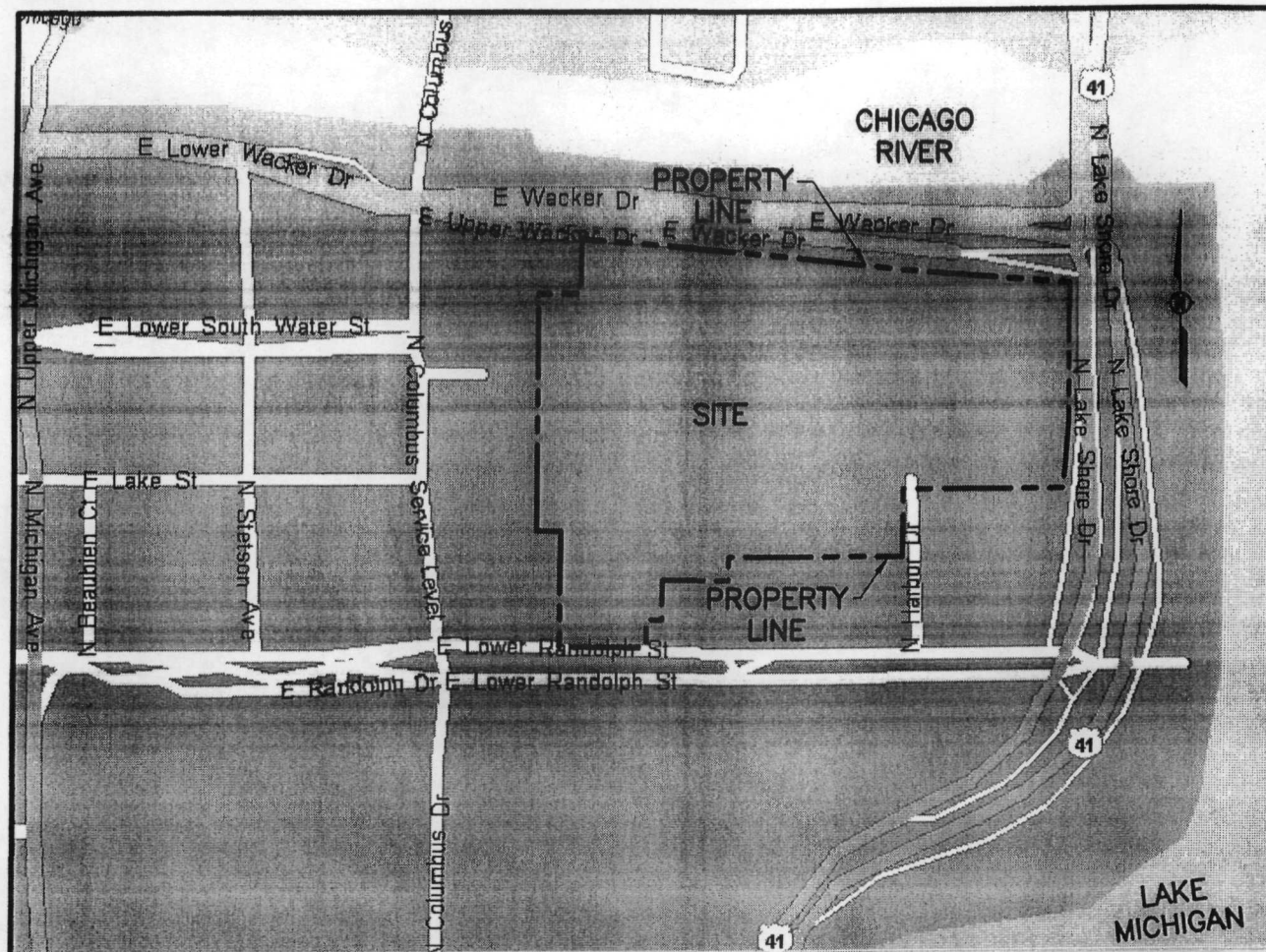
Regards,

STS CONSULTANTS, LTD.

Steven C. Kornder, Ph.D.
Senior Project Geochemist

cc: Fred Micke, USEPA
Kara Hughes, Lakeshore East





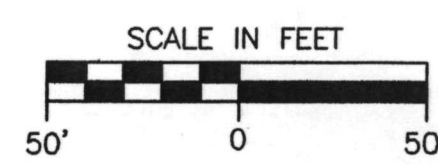
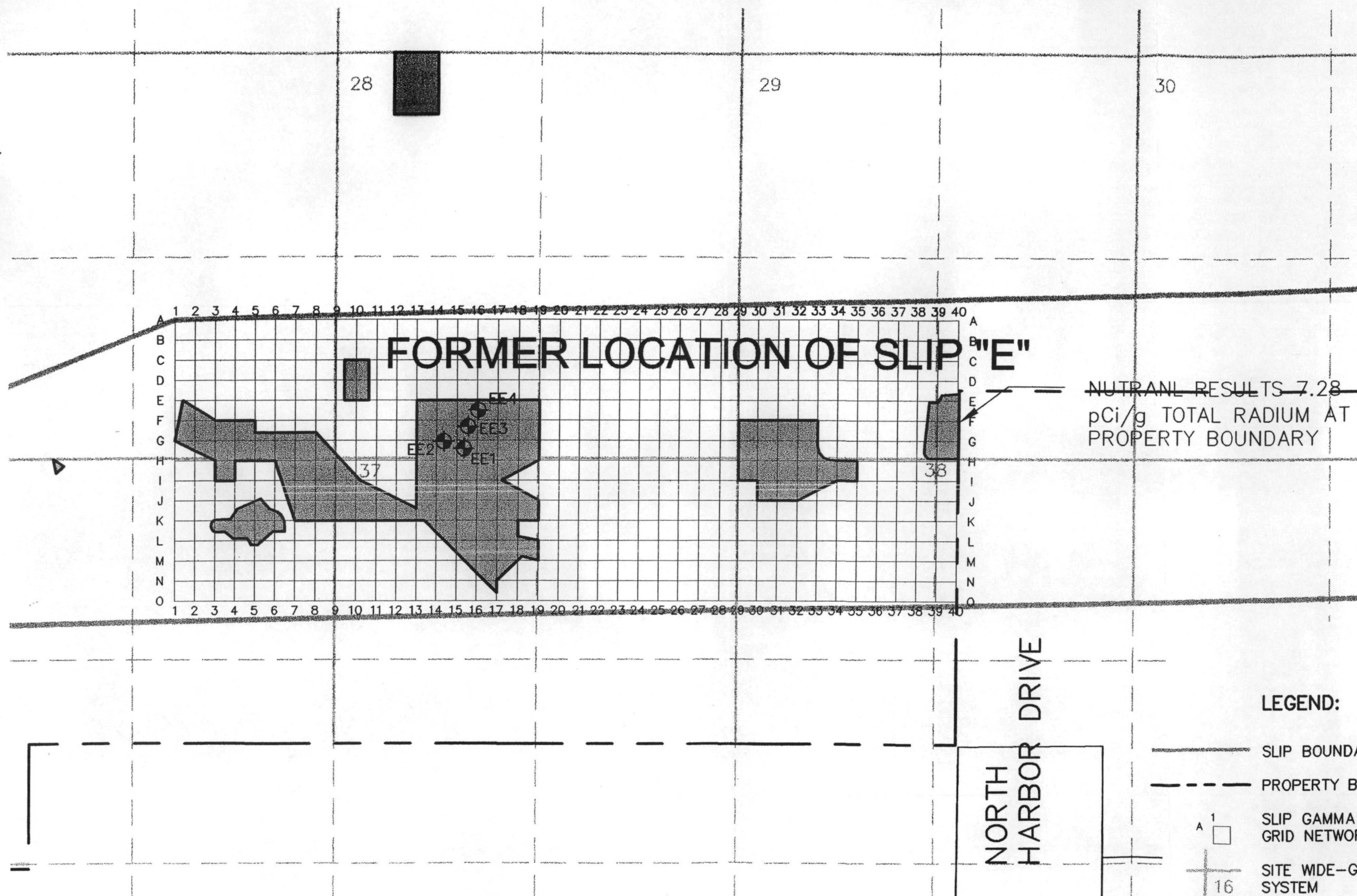
329 9530000N MAP.dwg, 05/21/2003 04:17:00 PAM.dwg



STS Consultants Ltd.
Consulting Engineers

SITE LOCATION MAP
LAKESHORE EAST LLC
221 NORTH COLUMBUS DRIVE
CHICAGO, ILLINOIS – FALL 2002

DRAWN BY	BWS	11/1/02
CHECKED BY	JLP	11/1/02
APPROVED BY	RGB	11/1/02
CADFILE LLC LOCATION MAP.dwg	SCALE	NTS
STS PROJECT NO. 32193-XC	FIGURE NO.	1



- LEGEND:**
- SLIP BOUNDARY
 - PROPERTY BOUNDARY
 - SLIP GAMMA SURVEY GRID NETWORK
 - SITE WIDE-GRID SYSTEM
 - REMEDIED EXCLUSION ZONE BOUNDARIES (PHASE II AND III)
 - SOIL BORING

LOCATIONS OF MATERIAL REMAINING BENEATH ADJACENT SIDEWALK LAKESHORE EAST DEVELOPMENT LLC 221 NORTH COLUMBUS DRIVE CHICAGO, ILLINOIS				DRAWN BY	PVP	DATE	5/06/03
				CHECKED BY	SCK	DATE	5/06/03
				APPROVED BY	RGB	DATE	5/06/03
				CADFILE	X: \PROJECTS\132193XC\REPORT\G132193XC-13.dwg 05/13/2003 10:		